

## WEST Search History





DATE: Tuesday, July 06, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L89	L88 and (field with (eddy or inhomogeneity or inhomogeities or inhomogeneous or nonuniform\$5 or non-uniform\$5 or "non uniform\$5" or flucuat\$6 or flux or pertubat\$4 or disturb\$5 or instabili\$4 or unstable or "not stable"))	2
<input type="checkbox"/>	L88	L87 and (cryostat\$6 or cryogen\$4 or helium or nitrogen or cryo-cooler or cryocooler)	3
<input type="checkbox"/>	L87	L86 and (cryostat\$6 or cryogen\$4 or helium or nitrogen or "He" or "N" or cryo-cooler or cryocooler)	12
<input type="checkbox"/>	L86	L83 and (damp\$5 or ring\$4 or stiff\$4)	12
<input type="checkbox"/>	L85	L84 and (damp\$5 or ring\$4 or stiff\$4)	2
<input type="checkbox"/>	L84	L83 and (cryostat\$6 or cryogen\$4)	3
<input type="checkbox"/>	L83	L82 and ((simulat\$7 or model\$8) with(motion or mov\$3 or movement or vibrat\$7 or movable))	23
<input type="checkbox"/>	L82	L81 and (motion or mov\$3 or movement or vibrat\$7 or movable)	110
<input type="checkbox"/>	L81	L76 and (eddy or inhomogeneity or inhomogeities or inhomogeneous or nonuniform\$5 or non-uniform\$5 or "non uniform\$5" or flucuat\$6 or flux or pertubat\$4 or disturb\$5 or instabili\$4 or unstable or "not stable")	160
<input type="checkbox"/>	L80	5519320	10
<input type="checkbox"/>	L79	L78 and ((simulat\$7 or model\$8) with(motion or mov\$3 or movement or vibrat\$7 or movable))	21
<input type="checkbox"/>	L78	L77 and (motion or mov\$3 or movement or vibrat\$7 or movable)	86
<input type="checkbox"/>	L77	L76 and (eddy or inhomogeneity or inhomogeities or inhomogeneous or nonuniform\$5 or non-uniform\$5 or "non uniform\$5" or flucuat\$6 or flux or pertubat\$4 or disturb\$5)	127
<input type="checkbox"/>	L76	L75 and (processor or processer or computer or computor or analyzer or dsp)	358
<input type="checkbox"/>	L75	L74 and ((simulat\$7 or model\$8) with ((magnetic adj resonance) or MRI or NMR) with (system or component or device or apparatus or imager or aparatus))	604
<input type="checkbox"/>	L74	L73 and (system or component or device or apparatus or imager or aparatus)	3506
<input type="checkbox"/>	L73	((simulat\$7 or model\$8) with ((magnetic adj resonance) or MRI or NMR))	3648
<input type="checkbox"/>	L72	L71 and ((simulat\$7 or model\$6) with (mechanical\$3))	6
<input type="checkbox"/>	L71	L68 and (eddy)	40
<input type="checkbox"/>	L70	L69 and (eddy)	0
<input type="checkbox"/>	L69	L68 and (cyrostat or cyrogen)	0
<input type="checkbox"/>	L68	L66 and (eddy or stiffness or stiff\$5 or damp\$8 or transfer\$8)	547
	L67	L66 and (eddy)	40

<input type="checkbox"/>			
<input type="checkbox"/>	L66	L65 and ((simulat\$7 or model\$6) with ((magnetic adj resonance) or MRI or NMR))	866
<input type="checkbox"/>	L65	L64 and ((simulat\$7 or model\$6) with (operat\$3 or operational\$2 or function\$4))	6157
<input type="checkbox"/>	L64	L61 and (operat\$3 or operational\$2 or function\$4)	43793
<input type="checkbox"/>	L63	L61 and (operat\$4 or operational\$3 or function\$4)	44155
<input type="checkbox"/>	L62	L61 and (operat\$7 or function\$4)	42205
<input type="checkbox"/>	L61	L60 and (simulat\$7 or model\$6)	50244
<input type="checkbox"/>	L60	((magnetic adj resonance) or MRI or NMR)	182695
<input type="checkbox"/>	L59	L58 and (structur\$5 or analysis or analyze or analyzer)	10
<input type="checkbox"/>	L58	L57 and (eddy)	10
<input type="checkbox"/>	L57	L54 and (computer or program\$5 or processor or hardware or software or hardware or soft-ware or "hard ware" or "soft ware")	443
<input type="checkbox"/>	L56	L55 and (eddy)	9
<input type="checkbox"/>	L55	L54 and (computer or program\$5 or processor)	431
<input type="checkbox"/>	L54	L53 and (model\$4 or simulat\$5)	585
		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L53	(rigid with body with motion)	1514
		<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L52	L51	2
<input type="checkbox"/>	L51	L50 and (eddy or stiffness or stiff\$5 or damp\$8 or transfer\$8)	2
<input type="checkbox"/>	L50	L49 and (motion or mov\$9)	2
<input type="checkbox"/>	L49	L48 and (calculat\$6 or determin\$9 or measur\$8 or generat\$8)	2
<input type="checkbox"/>	L48	L47 and (stab\$6)	2
<input type="checkbox"/>	L47	L46 and ((magnetic adj resonance) or MRI or NMR)	3
<input type="checkbox"/>	L46	L45 and ((motion or mov\$9) with (simulat\$7 or model\$8))	8
<input type="checkbox"/>	L45	L44 and (simulat\$7 or model\$8)	234
<input type="checkbox"/>	L44	((eddy with current) with analy\$6)	617
<input type="checkbox"/>	L43	(eddy with current)	42057
<input type="checkbox"/>	L42	L40 not L41	42
<input type="checkbox"/>	L41	L40 and (nod\$5)	55
<input type="checkbox"/>	L40	L38 and ((motion or mov\$9) with (simulat\$7 or model\$8))	97
<input type="checkbox"/>	L39	L38 and ((motion or mov\$9) with ((simulat\$7 or model\$8) with \$3stabil\$7))	5
<input type="checkbox"/>	L38	L37 and (generat\$6)	632
<input type="checkbox"/>	L37	L36 and (analy\$6)	664
<input type="checkbox"/>	L36	L35 and (cryo\$8 or temperature or thermal\$3 or heat\$4 or cool\$4)	679
<input type="checkbox"/>	L35	L34 and (eddy or stiffness or stiff\$5 or damp\$8 or transfer\$8)	726
		L27 and ((body or patient or subject) with (motion or mov\$7 or movement or	

<input type="checkbox"/>	L34	vibrat\$7 or disturb\$8 or structur\$5 or mechanical\$5))	863
<input type="checkbox"/>	L33	L29 not L32	31
<input type="checkbox"/>	L32	L31 and (motion or mov\$7 or movement or vibrat\$7 or disturb\$8 or structur\$5 or mechanical\$5)	55
<input type="checkbox"/>	L31	L30 and (eddy or stiffness or stiff\$5 or damp\$8 or transfer\$8)	56
<input type="checkbox"/>	L30	L29 and (analy\$6)	77
<input type="checkbox"/>	L29	L27 and (((simulat\$7 or model\$8) with \$3stab\$7) with ((magnetic adj resonance) or MRI or NMR))	86
<input type="checkbox"/>	L28	(((simulat\$7 or model\$8) with \$3stab\$7) with ((magnetic adj resonance) or MRI or NMR))	86
<input type="checkbox"/>	L27	L26 and ((magnetic adj resonance) or MRI or NMR)	3186
<input type="checkbox"/>	L26	((simulat\$7 or model\$8) with \$3stab\$7)	28272
<input type="checkbox"/>	L25	L24 and eddy	15
<input type="checkbox"/>	L24	L23 and L19	46
<input type="checkbox"/>	L23	L22 or L21	12884
<input type="checkbox"/>	L22	((600/400  600/401  600/402  600/403  600/404  600/405  600/406  600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431  600/432  600/433  600/434)!.CCLS.)	6774
<input type="checkbox"/>	L21	((324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322)!.CCLS.)	7125
<input type="checkbox"/>	L20	(((324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322).ccls.) or ((600/400  600/401  600/402  600/403  600/404  600/405  600/406  600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431  600/432  600/433  600/434).ccls.))	12884
<input type="checkbox"/>	L19	L18 and (disturb\$7 or interfer\$8 or inhomogeneit\$6 or instab\$7 or unstab\$7)	167
<input type="checkbox"/>	L18	L17 and (transfer\$6 or function\$3)	316
<input type="checkbox"/>	L17	L16 and ((simulat\$7 or model\$6) with (motion or moving or moved or move or movement or vibrat\$8 or movable or oscillat\$6 or damp\$6 or eddy))	331
<input type="checkbox"/>	L16	L15 and (simulat\$7 or model\$6)	1346
<input type="checkbox"/>	L15	L14 and ((magnetic adj resonance) or MRI or NMR)	2193
<input type="checkbox"/>	L14	((analy\$6) with (motion or moving or moved or move or movement or vibrat\$8 or movable or oscillat\$6 or damp\$6 or eddy))	54674
<input type="checkbox"/>	L13	L12 and ((magnetic adj resonance) or MRI or NMR)	24
<input type="checkbox"/>	L12	L11 and ((simulat\$7 or model\$6) with (motion or moving or moved or move or movement or vibrat\$8 or movable or oscillat\$6 or damp\$6) with (system or apparatus or device) with (component or module))	1060
	L11	L10 and (component or module)	255870

<input type="checkbox"/>			
<input type="checkbox"/>	L10	L9 and (motion or moving or moved or move or movement or vibrat\$8 or movable or oscillat\$6 or damp\$6)	371741
<input type="checkbox"/>	L9	L8 and (system or apparatus or device)	698666
<input type="checkbox"/>	L8	(simulat\$7 or model\$6)	833702
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L7	L6 and (simulat\$7)	39
<input type="checkbox"/>	L6	L4 and (simulat\$7 or model\$6)	74
<input type="checkbox"/>	L5	L4 and (simulat47 or model\$6)	48
<input type="checkbox"/>	L4	fetzner	190
		<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	(5864273  6150912)! [pn]	4
<input type="checkbox"/>	L2	L1 and (lehmann.in.)	4
<input type="checkbox"/>	L1	(havens.in.)	1309

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

### Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 6150912 A

Using default format because multiple data bases are involved.

L3: Entry 1 of 4

File: USPT

Nov 21, 2000

US-PAT-NO: 6150912

DOCUMENT-IDENTIFIER: US 6150912 A

TITLE: Open architecture superconducting magnet helium vessel structure

DATE-ISSUED: November 21, 2000

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Elgin, II; Stephen R.	Florence	SC		
Grut; Kenneth Edward	Florence	SC		
Lehmann; Gregory Alan	Florence	SC		
Sansbury; Michelle Guilmet	Florence	SC		
Scaturro, Jr.; John	Florence	SC		
Xu; Bu-Xin	Florence	SC		

US-CL-CURRENT: 335/299; 335/216, 505/892

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. Doc
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☐ 2. Document ID: US 5864273 A

L3: Entry 2 of 4

File: USPT

Jan 26, 1999

US-PAT-NO: 5864273

DOCUMENT-IDENTIFIER: US 5864273 A

TITLE: Cryocooler vibration isolation and noise reduction in magnetic resonance imaging

DATE-ISSUED: January 26, 1999

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dean; David E.	Florence	SC		
Ginfrida; Clifford J.	Florence	SC		
Mansell; Scott Thomas	Waterford	WI		

Nixon; Thomas M.	Florence	SC
Purgill; Dewain A.	Waukesha	WI
Radziun; Michael James	Waterford	WI

US-CL-CURRENT: 335/216; 505/892, 62/51.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw D
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☐ 3. Document ID: JP 3469547 B2, US 6150912 A, EP 1102078 A2, JP 2001212109 A

L3: Entry 3 of 4

File: DWPI

Nov 25, 2003

DERWENT-ACC-NO: 2001-089984

DERWENT-WEEK: 200380

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Open architecture superconducting magnet assembly for magnetic resonance imaging, has upper and lower superconducting magnet coils attached by forms to ferromagnetic ring, and which are housed in liquid cryogen vessels

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw D
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☐ 4. Document ID: EP 864878 A1, JP 11016719 A, US 5864273 A

L3: Entry 4 of 4

File: DWPI

Sep 16, 1998

DERWENT-ACC-NO: 1998-469402

DERWENT-WEEK: 199914

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: MRI superconducting magnet assembly - has bellows between cryocooler and vacuum sleeve in magnet with mass suspended along axis of, but at distance from cryocooler and elastomeric blocks being parallel to axis, braided copper wires connect vacuum sleeve and heat shields of MRI

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
"5864273"	2
"6150912"	4
("5864273"   "6150912")! [PN].USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4
((5864273  6150912)! [PN]).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	4

## Hit List

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)  
[Generate OACS](#)

Search Results - Record(s) 1 through 24 of 24 returned.

☐ 1. Document ID: US 20040073414 A1

Using default format because multiple data bases are involved.

L13: Entry 1 of 24

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040073414

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040073414 A1

TITLE: Method and system for inferring hand motion from multi-cell recordings in the motor cortex using a kalman filter or a bayesian model

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bienenstock, Lucien J.E.	Providence	RI	US	
Black, Michael J.	Providence	RI	US	
Wu, Wei	Providence	RI	US	
Gao, Yun	Providence	RI	US	

US-CL-CURRENT: 703/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
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☐ 2. Document ID: US 20040051530 A1

L13: Entry 2 of 24

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051530

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051530 A1

TITLE: MRI magnet vibration induced field instability simulator

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Havens, Timothy J.	Florence	SC	US	
Jiang, Longzhi	Florence	SC	US	
Lehmann, Gregory A.	Florence	SC	US	

US-CL-CURRENT: 324/318; 324/309, 324/315, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20040024750 A1

L13: Entry 3 of 24

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040024750  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040024750 A1

TITLE: Intelligent mechatronic control suspension system based on quantum soft computing

PUBLICATION-DATE: February 5, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ulyanov, Sergei V.	Cream		IT	
Panfilov, Sergei A.	Crema		IT	
Ulyanov, Viktor S.	Crema		IT	
Hagiwara, Takahide	Iwata		JP	
Takahashi, Kazuki	Crema		IT	
Litvintseva, Ludmila	Crema		IT	

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20040019303 A1

L13: Entry 4 of 24

File: PGPB

Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040019303  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040019303 A1

TITLE: Apparatus and method for the detection and quantification of joint and tissue inflammation

PUBLICATION-DATE: January 29, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Thomson, Paul E.	Cincinnati	OH	US	

US-CL-CURRENT: 600/595

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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**5. Document ID: US 20030093129 A1**

L13: Entry 5 of 24

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030093129  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030093129 A1

TITLE: Closed loop brain machine interface

PUBLICATION-DATE: May 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nicolelis, Miguel A.L.	Chapel Hill	NC	US	
Chapin, John K.	Atlantic Beach	NY	US	
Wessberg, Johan	Goteborg		SE	

US-CL-CURRENT: 607/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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**6. Document ID: US 20020127525 A1**

L13: Entry 6 of 24

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127525  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020127525 A1

TITLE: Distributive processing simulation method and system for training healthcare teams

PUBLICATION-DATE: September 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arlington, Michael L.	Vaughn	WA	US	
Bailey, Bradford E.	Louisville	KY	US	
Clark, Bill B.	Castle Rock	CO	US	
Yuanming, Chen	Englewood	CO	US	
Gao, Qiang	Englewood	CO	US	
Wilson, Dave	Castle Rock	CO	US	
Younkes, William E.	Greenwood Village	CO	US	

US-CL-CURRENT: 434/262

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 20020123702 A1

L13: Entry 7 of 24

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123702  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020123702 A1

TITLE: Method & apparatus for mitigating renal failure using mechanical vibration  
including ultrasound and heat

PUBLICATION-DATE: September 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cho, Young	Cherry Hill	NJ	US	

US-CL-CURRENT: 601/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 8. Document ID: US 20020044590 A1

L13: Entry 8 of 24

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020044590  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020044590 A1

TITLE: Method and system for conservative evaluation, validation and monitoring of  
thermal processing

PUBLICATION-DATE: April 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Simunovic, Josip	Raleigh	NC	US	
Swartzel, Kenneth R.	Raleigh	NC	US	
Adles, Eric	Raleigh	NC	US	

US-CL-CURRENT: 374/176; 374/141, 374/161, 374/166

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 9. Document ID: US 20020010551 A1

L13: Entry 9 of 24

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010551  
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010551 A1

TITLE: System and method of bolus-chasing angiography with adaptive real-time computed tomography (CT)

PUBLICATION-DATE: January 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wang, Ge	Iowa City	IA	US	
Vannier, Michael W.	Iowa City	IA	US	

US-CL-CURRENT: 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 10. Document ID: US 6739877 B2

L13: Entry 10 of 24

File: USPT

May 25, 2004

US-PAT-NO: 6739877

DOCUMENT-IDENTIFIER: US 6739877 B2

TITLE: Distributive processing simulation method and system for training healthcare teams

DATE-ISSUED: May 25, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bailey; Bradford E.	Louisville	KY		
Clark; Bill B.	Castle Rock	CO		
Yuanming; Chen	Englewood	CO		
Gao; Qiang	Englewood	CO		
Wilson; Dave	Castle Rock	CO		
Younkes; William E.	Greenwood Village	CO		

US-CL-CURRENT: 434/262; 434/219

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 11. Document ID: US 6535821 B2

L13: Entry 11 of 24

File: USPT

Mar 18, 2003

US-PAT-NO: 6535821

DOCUMENT-IDENTIFIER: US 6535821 B2

TITLE: System and method of bolus-chasing angiography with adaptive real-time computed tomography (CT)

DATE-ISSUED: March 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Ge	Iowa City	IA		
Vannier; Michael W.	Iowa City	IA		

US-CL-CURRENT: 702/19; 600/415, 702/150, 702/84

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Drawings
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☐ 12. Document ID: US 6464496 B1

L13: Entry 12 of 24

File: USPT

Oct 15, 2002

US-PAT-NO: 6464496

DOCUMENT-IDENTIFIER: US 6464496 B1

TITLE: Method and apparatus for determining and monitoring orthodontic treatment

DATE-ISSUED: October 15, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sachdeva; Rohit	Plano	TX		
Rubbert; Rudger	Berlin			DE
Jennings; Ron	Plano	TX		

US-CL-CURRENT: 433/24; 433/3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Drawings
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☐ 13. Document ID: US 6461298 B1

L13: Entry 13 of 24

File: USPT

Oct 8, 2002

US-PAT-NO: 6461298

DOCUMENT-IDENTIFIER: US 6461298 B1

TITLE: Three-dimensional imaging system

DATE-ISSUED: October 8, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fenster; Aaron	London			CA
Dunne; Shane	London			CA
Larsen; Janpeter T.	London			CA

US-CL-CURRENT: 600/437; 128/916, 600/443

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 14. Document ID: US 6346940 B1

L13: Entry 14 of 24

File: USPT

Feb 12, 2002

US-PAT-NO: 6346940

DOCUMENT-IDENTIFIER: US 6346940 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Virtualized endoscope system

DATE-ISSUED: February 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fukunaga; Tomohisa	Tochigi-ken			JP

US-CL-CURRENT: 345/427; 345/420, 345/424, 345/629, 345/630, 382/103, 600/111

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 15. Document ID: US 6334847 B1

L13: Entry 15 of 24

File: USPT

Jan 1, 2002

US-PAT-NO: 6334847

DOCUMENT-IDENTIFIER: US 6334847 B1

TITLE: Enhanced image processing for a three-dimensional imaging system

DATE-ISSUED: January 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fenster; Aaron	London			CA
Dunne; Shane	London			CA

US-CL-CURRENT: 600/443; 128/916

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 16. Document ID: US 6175610 B1

L13: Entry 16 of 24

File: USPT

Jan 16, 2001

US-PAT-NO: 6175610

DOCUMENT-IDENTIFIER: US 6175610 B1

TITLE: Medical technical system controlled by vision-detected operator activity

DATE-ISSUED: January 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peter; Fritz	Spardorf			DE

US-CL-CURRENT: 378/8; 250/221, 345/166

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 17. Document ID: US 6171239 B1

L13: Entry 17 of 24

File: USPT

Jan 9, 2001

US-PAT-NO: 6171239

DOCUMENT-IDENTIFIER: US 6171239 B1

TITLE: Systems, methods, and devices for controlling external devices by signals derived directly from the nervous system

DATE-ISSUED: January 9, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Humphrey; Donald R.	Atlanta	GA		

US-CL-CURRENT: 600/372; 600/378, 600/544, 607/116

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 18. Document ID: US 6088472 A

L13: Entry 18 of 24

File: USPT

Jul 11, 2000

US-PAT-NO: 6088472

DOCUMENT-IDENTIFIER: US 6088472 A

TITLE: Global models with parametric offsets for object recovery

DATE-ISSUED: July 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Donnell; Thomas	Englewood	NJ		
Boult; Terrance E.	Bethlehem	PA		
Gupta; Alok	East Brunswick	NJ		

US-CL-CURRENT: 382/128; 382/293

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 19. Document ID: US 5964707 A

L13: Entry 19 of 24

File: USPT

Oct 12, 1999

US-PAT-NO: 5964707

DOCUMENT-IDENTIFIER: US 5964707 A

TITLE: Three-dimensional imaging system

DATE-ISSUED: October 12, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fenster; Aaron	London			CA
Dunne; Shane	London			CA
Larsen; Janpeter T.	London			CA

US-CL-CURRENT: 600/443

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 20. Document ID: US 5880976 A

L13: Entry 20 of 24

File: USPT

Mar 9, 1999

US-PAT-NO: 5880976

DOCUMENT-IDENTIFIER: US 5880976 A

TITLE: Apparatus and method for facilitating the implantation of artificial components in joints

DATE-ISSUED: March 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DiGioia III; Anthony M.	Pittsburgh	PA		
Simon; David A.	Boulder	CO		
Jaramaz; Branislav	Pittsburgh	PA		
Blackwell; Michael K.	Pittsburgh	PA		
Morgan; Frederick M.	Quincy	MA		
O'Toole; Robert V.	Brookline	MA		
Kanade; Takeo	Pittsburgh	PA		

US-CL-CURRENT: 703/7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 21. Document ID: US 5842473 A

L13: Entry 21 of 24

File: USPT

Dec 1, 1998

US-PAT-NO: 5842473

DOCUMENT-IDENTIFIER: US 5842473 A

**\*\* See image for Certificate of Correction \*\***TITLE: Three-dimensional imaging system

DATE-ISSUED: December 1, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fenster; Aaron	London			CA
Dunne; Shane	London			CA
Larsen; Janpeter T.	London			CA

US-CL-CURRENT: 600/445; 128/916

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw De
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☐ 22. Document ID: US 5581490 A

L13: Entry 22 of 24

File: USPT

Dec 3, 1996

US-PAT-NO: 5581490

DOCUMENT-IDENTIFIER: US 5581490 A

TITLE: Contact management model assessment system for contact tracking in the presence of model uncertainty and noise

DATE-ISSUED: December 3, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ferkinhoff; David J.	Middletown	RI		
Baylog; John G.	Tiverton	RI		
Gong; Kai F.	Pawtucket	RI		
Keay; Kathleen D.	Fairhaven	MA		
Hammel; Sherry E.	Little Compton	RI		

US-CL-CURRENT: 703/2; 702/181, 702/191

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MM	Draw De
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☐ 23. Document ID: US 5454371 A



L13: Entry 23 of 24

File: USPT

Oct 3, 1995

US-PAT-NO: 5454371

DOCUMENT-IDENTIFIER: US 5454371 A

TITLE: Method and system for constructing and displaying three-dimensional images

DATE-ISSUED: October 3, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fenster; Aaron	London			CA
Dunne; Shane	London			CA
Chan; Thomas K. C.	London			CA
Downey; Donal	London			CA

US-CL-CURRENT: 600/443; 128/916, 345/419

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. Des
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☐ 24. Document ID: US 20040051530 A1

L13: Entry 24 of 24

File: DWPI

Mar 18, 2004

DERWENT-ACC-NO: 2004-327218

DERWENT-WEEK: 200430

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: MRI magnet field instability simulator, has mechanical model generator to generate mechanical disturbance signal and mechanical model of MRI system components in response to motions and magnetic stiffness and damping signal

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. Des
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Term	Documents
MAGNETIC	1262463
MAGNETICS	11749
RESONANCE	250281
RESONANCES	14207
MRI	21928
MRIS	259
NMR	130746
NMRS	202
(12 AND (MRI OR (MAGNETIC ADJ RESONANCE) OR	

NMR)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24
(L12 AND ((MAGNETIC ADJ RESONANCE) OR MRI OR NMR)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	24

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☐ 1. Document ID: US 20040097782 A1

Using default format because multiple data bases are involved.

L79: Entry 1 of 21

File: PGPB

May 20, 2004

PGPUB-DOCUMENT-NUMBER: 20040097782

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040097782 A1

TITLE: Optimized pulsatile-flow ventricular-assist device and total artificial heart

PUBLICATION-DATE: May 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Korakianitis, Theodosios	St. Louis	MO	US	
Grandia, Lonn	Brussels	IL	US	

US-CL-CURRENT: 600/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20040068187 A1

L79: Entry 2 of 21

File: PGPB

Apr 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040068187

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040068187 A1

TITLE: Computer-aided orthopedic surgery

PUBLICATION-DATE: April 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Krause, Norman M.	Pittsburgh	PA	US	
Weiss, Lee E.	Pittsburgh	PA	US	
Shimada, Kenji	Pittsburgh	PA	US	
Kanade, Takeo	Pittsburgh	PA	US	

US-CL-CURRENT: 600/443; 128/916

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 3. Document ID: US 20040064438 A1

L79: Entry 3 of 21

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040064438

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040064438 A1

TITLE: Method for data and text mining and literature-based discovery

PUBLICATION-DATE: April 1, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kostoff, Ronald N.	Arlington	VA	US	

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 4. Document ID: US 20040051530 A1

L79: Entry 4 of 21

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051530

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051530 A1

TITLE: MRI magnet vibration induced field instability simulator

PUBLICATION-DATE: March 18, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Havens, Timothy J.	Florence	SC	US	
Jiang, Longzhi	Florence	SC	US	
Lehmann, Gregory A.	Florence	SC	US	

US-CL-CURRENT: 324/318; 324/309, 324/315, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 5. Document ID: US 20040049609 A1

L79: Entry 5 of 21

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040049609  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040049609 A1

TITLE: Mechanism for integrating programmable devices into software based frameworks for distributed computing

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Simonson, Peter	Greenville	NH	US	
Haji-Aghajani, Kazem	Amherst	NH	US	
Thiele, Matthew J.	Hampstead	NH	US	
Stroili, Frank D.	Hollis	NH	US	
Natwick, Kevin P.	Hudson	NH	US	
Boland, Robert P.	Wilmington	MA	US	

US-CL-CURRENT: 710/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 20040041562 A1

L79: Entry 6 of 21

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040041562  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040041562 A1

TITLE: Method for magnetic resonance fluid characterization

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Speier, Peter	Erlangen		DE	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 20040005273 A1

L79: Entry 7 of 21

File: PGPB

Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040005273  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040005273 A1

TITLE: Methods for in vivo evaluation of pulmonary physiology and/or function using NMR signals of polarized Xe

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Driehuys, Bastiaan	Durham	NC	US	
Hall, Margaret	Little Kingshill		GB	
Marelli, Claudio	Amersham		GB	
Mansson, Sven	Bjarred		SE	
Wolber, Jan	Malmo		SE	

US-CL-CURRENT: 424/9.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 8. Document ID: US 20030210043 A1

L79: Entry 8 of 21

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030210043

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030210043 A1

TITLE: Processing NMR data in the presence of ringing

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Freedman, Robert	Houston	TX	US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 9. Document ID: US 20030082773 A1

L79: Entry 9 of 21

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082773

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030082773 A1

TITLE: Crystal structure

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Blundell, Tom L.	Royston	CA	GB	
Abell, Christopher	Cambridge		GB	
Von Delft, Frank	San Diego		US	

US-CL-CURRENT: 435/193; 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw.Ds
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☐ 10. Document ID: US 20030074096 A1

L79: Entry 10 of 21

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074096  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030074096 A1

TITLE: Solid freeform fabrication of structurally engineered multifunctional devices

PUBLICATION-DATE: April 17, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Das, Suman	Ann Arbor	MI	US	
Hollister, Scott J.	Ann Arbor	MI	US	
Krebsbach, Paul H.	Ann Arbor	MI	US	
Santosa, James K.	Wilmington	DE	US	

US-CL-CURRENT: 700/119

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw.Ds
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☐ 11. Document ID: US 20030050527 A1

L79: Entry 11 of 21

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050527  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030050527 A1

TITLE: Apparatus and methods for delivery of transcranial magnetic stimulation

PUBLICATION-DATE: March 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fox, Peter	San Antonio	TX	US	
Lancaster, Jack	San Antonio	TX	US	
Dodd, Stephen	Austin	TX	US	

US-CL-CURRENT: 600/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 12. Document ID: US 20030032853 A1

L79: Entry 12 of 21

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032853

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030032853 A1

TITLE: Optimized pulsatile-flow ventricular-assist device and total artificial heart

PUBLICATION-DATE: February 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Korakianitis, Theodosios	St. Louis	MO	US	
Grandia, Lonn	Brussels	IL	US	

US-CL-CURRENT: 600/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 13. Document ID: US 6187032 B1

L79: Entry 13 of 21

File: USPT

Feb 13, 2001

US-PAT-NO: 6187032

DOCUMENT-IDENTIFIER: US 6187032 B1

TITLE: Measurement of intracardiac electrophysiological phenomena

DATE-ISSUED: February 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohyu; Shigeharu	Otawara			JP
Watanabe; Izumi	Tochigi-ken			JP
Takada; Yoichi	Otawara			JP
Sakuma; Yoshihiro	Tochigi-ken			JP

US-CL-CURRENT: 600/409

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 14. Document ID: US 5764723 A

L79: Entry 14 of 21

File: USPT

Jun 9, 1998

US-PAT-NO: 5764723

DOCUMENT-IDENTIFIER: US 5764723 A

TITLE: Apparatus and method to gate a source for radiation therapy

DATE-ISSUED: June 9, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weinberger; Judah Z.	Teaneck	NJ		
Amols; Howard I.	New York	NY		
Schiff; Peter B.	Larchmont	NY		

US-CL-CURRENT: 378/65; 378/95

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 15. Document ID: US 5615677 A

L79: Entry 15 of 21

File: USPT

Apr 1, 1997

US-PAT-NO: 5615677

DOCUMENT-IDENTIFIER: US 5615677 A

**\*\* See image for Certificate of Correction \*\***TITLE: MRI tracking of cyclical motion by fourier integration of velocity

DATE-ISSUED: April 1, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pelc; Norbert J.	Los Altos	CA		
Zhu; Yudong	Stanford	CA		

US-CL-CURRENT: 600/410; 324/306, 324/309, 356/27, 356/28, 356/28.5, 600/419

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 16. Document ID: US 5572125 A

L79: Entry 16 of 21

File: USPT

Nov 5, 1996

US-PAT-NO: 5572125

DOCUMENT-IDENTIFIER: US 5572125 A

TITLE: Correction and automated analysis of spectral and imaging data

DATE-ISSUED: November 5, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dunkel; Reinhard	Salt Lake City	UT	84102	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawings
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☐ 17. Document ID: US 5519320 A

L79: Entry 17 of 21

File: USPT

May 21, 1996

US-PAT-NO: 5519320

DOCUMENT-IDENTIFIER: US 5519320 A

TITLE: Nuclear magnetic resonance imaging with high speed and interactive pulse sequence control

DATE-ISSUED: May 21, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kanayama; Shoichi	Saitama			JP
Kassai; Yoshimori	Tokyo			JP

US-CL-CURRENT: 324/309; 324/312

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawings
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☐ 18. Document ID: US 5309102 A

L79: Entry 18 of 21

File: USPT

May 3, 1994

US-PAT-NO: 5309102

DOCUMENT-IDENTIFIER: US 5309102 A

TITLE: Frequency calibration for MRI scanner

DATE-ISSUED: May 3, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Deckard; Todd W.	Milwaukee	WI		

US-CL-CURRENT: 324/314; 324/313

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawings
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**19. Document ID: US 5151856 A**

L79: Entry 19 of 21

File: USPT

Sep 29, 1992

US-PAT-NO: 5151856

DOCUMENT-IDENTIFIER: US 5151856 A

TITLE: Method of displaying coronary function

DATE-ISSUED: September 29, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Halmann; Menachem	Haifa			IL
Azhari; Haim	Haifa			IL
Beyar; Rafael	Haifa			IL
Sideman; Samuel	Haifa			IL
Dinnar; Uri	Haifa			IL

US-CL-CURRENT: 600/508; 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FWMC	Drawn De
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**20. Document ID: US 4970457 A**

L79: Entry 20 of 21

File: USPT

Nov 13, 1990

US-PAT-NO: 4970457

DOCUMENT-IDENTIFIER: US 4970457 A

TITLE: MRI compensated for spurious rapid variations in static magnetic field during a single MRI sequence

DATE-ISSUED: November 13, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaufman; Leon	San Francisco	CA		
Crooks; Lawrence E.	Richmond	CA		
Hale; James D.	Berkeley	CA		
Kramer; David M.	San Rafael	CA		
Hake; Kristen	South San Francisco	CA		
Avram; Heckor	Foster City	CA		
Wummer; Joel	San Francisco	CA		

US-CL-CURRENT: 324/309; 324/307, 324/313

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FWMC	Drawn De
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☐ 21. Document ID: US 20040051530 A1

L79: Entry 21 of 21

File: DWPI

Mar 18, 2004

DERWENT-ACC-NO: 2004-327218

DERWENT-WEEK: 200430

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TITLE: MRI magnet field instability simulator, has mechanical model generator to generate mechanical disturbance signal and mechanical model of MRI system components in response to motions and magnetic stiffness and damping signal

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims
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☐ 1. Document ID: US 20040051530 A1

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L84: Entry 1 of 3

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051530  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040051530 A1

TITLE: MRI magnet vibration induced field instability simulator

PUBLICATION-DATE: March 18, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Havens, Timothy J.	Florence	SC	US	
Jiang, Longzhi	Florence	SC	US	
Lehmann, Gregory A.	Florence	SC	US	

US-CL-CURRENT: 324/318; 324/309, 324/315, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NUMC	Drawn
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☐ 2. Document ID: US 20040005273 A1

L84: Entry 2 of 3

File: PGPB

Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040005273  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040005273 A1

TITLE: Methods for in vivo evaluation of pulmonary physiology and/or function using NMR signals of polarized Xe

PUBLICATION-DATE: January 8, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Driehuys, Bastiaan	Durham	NC	US	
Hall, Margaret	Little Kingshill		GB	
Marelli, Claudio	Amersham		GB	
Mansson, Sven	Bjarred		SE	

Wolber, Jan

Malmo

SE

US-CL-CURRENT: 424/9.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 3. Document ID: US 20040051530 A1

L84: Entry 3 of 3

File: DWPI

Mar 18, 2004

DERWENT-ACC-NO: 2004-327218

DERWENT-WEEK: 200430

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TITLE: MRI magnet field instability simulator, has mechanical model generator to generate mechanical disturbance signal and mechanical model of MRI system components in response to motions and magnetic stiffness and damping signal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
CRYOSTAT\$6	0
CRYOSTAT	8242
CRYOSTATE	81
CRYOSTATED	8
CRYOSTATES	1
CRYOSTATIC	354
CRYOSTATICAL	1
CRYOSTATICALLY	20
CRYOSTATICS	1
CRYOSTATIN	1
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### Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040051530 A1

Using default format because multiple data bases are involved.

L85: Entry 1 of 2

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051530  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040051530 A1

TITLE: MRI magnet vibration induced field instability simulator

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Havens, Timothy J.	Florence	SC	US	
Jiang, Longzhi	Florence	SC	US	
Lehmann, Gregory A.	Florence	SC	US	

US-CL-CURRENT: 324/318; 324/309, 324/315, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NUM	Drawn
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☐ 2. Document ID: US 20040051530 A1

L85: Entry 2 of 2

File: DWPI

Mar 18, 2004

DERWENT-ACC-NO: 2004-327218  
DERWENT-WEEK: 200430  
COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: MRI magnet field instability simulator, has mechanical model generator to generate mechanical disturbance signal and mechanical model of MRI system components in response to motions and magnetic stiffness and damping signal

## Hit List

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Generate OACS				

Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1. Document ID: US 20040097782 A1

Using default format because multiple data bases are involved.

L86: Entry 1 of 12

File: PGPB

May 20, 2004

PGPUB-DOCUMENT-NUMBER: 20040097782

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040097782 A1

TITLE: Optimized pulsatile-flow ventricular-assist device and total artificial heart

PUBLICATION-DATE: May 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Korakianitis, Theodosios	St. Louis	MO	US	
Grandia, Lonn	Brussels	IL	US	

US-CL-CURRENT: 600/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20040068187 A1

L86: Entry 2 of 12

File: PGPB

Apr 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040068187

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040068187 A1

TITLE: Computer-aided orthopedic surgery

PUBLICATION-DATE: April 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Krause, Norman M.	Pittsburgh	PA	US	
Weiss, Lee E.	Pittsburgh	PA	US	
Shimada, Kenji	Pittsburgh	PA	US	
Kanade, Takeo	Pittsburgh	PA	US	



US-CL-CURRENT: 600/443; 128/916

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Ds
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☐ 3. Document ID: US 20040051530 A1

L86: Entry 3 of 12

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051530

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051530 A1

TITLE: MRI magnet vibration induced field instability simulator

PUBLICATION-DATE: March 18, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Havens, Timothy J.	Florence	SC	US	
Jiang, Longzhi	Florence	SC	US	
Lehmann, Gregory A.	Florence	SC	US	

US-CL-CURRENT: 324/318; 324/309, 324/315, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Ds
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☐ 4. Document ID: US 20040041562 A1

L86: Entry 4 of 12

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040041562

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040041562 A1

TITLE: Method for magnetic resonance fluid characterization

PUBLICATION-DATE: March 4, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Speier, Peter	Erlangen		DE	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Ds
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☐ 5. Document ID: US 20030210043 A1

L86: Entry 5 of 12

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030210043  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030210043 A1

TITLE: Processing NMR data in the presence of ringing

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Freedman, Robert	Houston	TX	US	

US-CL-CURRENT: 324/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 20030082773 A1

L86: Entry 6 of 12

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082773  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030082773 A1

TITLE: Crystal structure

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Blundell, Tom L.	Royston	CA	GB	
Abell, Christopher	Cambridge		GB	
Von Delft, Frank	San Diego		US	

US-CL-CURRENT: 435/193; 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 20030050527 A1

L86: Entry 7 of 12

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050527  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030050527 A1

TITLE: Apparatus and methods for delivery of transcranial magnetic stimulation

PUBLICATION-DATE: March 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fox, Peter	San Antonio	TX	US	
Lancaster, Jack	San Antonio	TX	US	
Dodd, Stephen	Austin	TX	US	

US-CL-CURRENT: 600/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Dg
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☐ 8. Document ID: US 20030032853 A1

L86: Entry 8 of 12

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032853  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030032853 A1

TITLE: Optimized pulsatile-flow ventricular-assist device and total artificial heart

PUBLICATION-DATE: February 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Korakianitis, Theodosios	St. Louis	MO	US	
Grandia, Lonn	Brussels	IL	US	

US-CL-CURRENT: 600/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Dg
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☐ 9. Document ID: US 20020137014 A1

L86: Entry 9 of 12

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137014  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020137014 A1

TITLE: Simulation method for designing customized medical devices

PUBLICATION-DATE: September 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, James H.	Columbia	MD	US	
Brody, William R.	Baltimore	MD	US	
Chui, Chee-Kong	Singapore		SG	
Cai, Yiyu	Singapore		SG	

Wang, Yaoping                      Normanton Park                      SG  
Nowinski, Wieslaw L.              Nus Kent Vale                      SG

US-CL-CURRENT: 434/262

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 10. Document ID: US 5572125 A

L86: Entry 10 of 12

File: USPT

Nov 5, 1996

US-PAT-NO: 5572125

DOCUMENT-IDENTIFIER: US 5572125 A

TITLE: Correction and automated analysis of spectral and imaging data

DATE-ISSUED: November 5, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dunkel; Reinhard	Salt Lake City	UT	84102	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 11. Document ID: US 4970457 A

L86: Entry 11 of 12

File: USPT

Nov 13, 1990

US-PAT-NO: 4970457

DOCUMENT-IDENTIFIER: US 4970457 A

TITLE: MRI compensated for spurious rapid variations in static magnetic field during a single MRI sequence

DATE-ISSUED: November 13, 1990

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#### ☐ 1. Document ID: US 20040051530 A1

Using default format because multiple data bases are involved.

L88: Entry 1 of 3

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051530  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040051530 A1

TITLE: MRI magnet vibration induced field instability simulator

PUBLICATION-DATE: March 18, 2004

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Havens, Timothy J.	Florence	SC	US	
Jiang, Longzhi	Florence	SC	US	
Lehmann, Gregory A.	Florence	SC	US	

US-CL-CURRENT: 324/318; 324/309, 324/315, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NUMC	Drawings
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#### ☐ 2. Document ID: US 20030082773 A1

L88: Entry 2 of 3

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082773  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030082773 A1

TITLE: Crystal structure

PUBLICATION-DATE: May 1, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Blundell, Tom L.	Royston	CA	GB	
Abell, Christopher	Cambridge		GB	
Von Delft, Frank	San Diego		US	

US-CL-CURRENT: 435/193; 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040051530 A1

L88: Entry 3 of 3

File: DWPI

Mar 18, 2004

DERWENT-ACC-NO: 2004-327218

DERWENT-WEEK: 200430

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TITLE: MRI magnet field instability simulator, has mechanical model generator to generate mechanical disturbance signal and mechanical model of MRI system components in response to motions and magnetic stiffness and damping signal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
HELIUM	96060
HELIUMS	12
HELIA	54
HELIAS	41
NITROGEN	787230
NITROGENS	7516
CRYO-COOLER	130
CRYO-COOLERS	24
CRYOCOOLER	784
CRYOCOOLERS	329
(L87 AND (CRYOSTAT\$6 OR CRYOGEN\$4 OR HELIUM OR NITROGEN OR CRYO-COOLER OR CRYOCOOLER)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

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### Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040051530 A1

Using default format because multiple data bases are involved.

L89: Entry 1 of 2

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051530  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040051530 A1

TITLE: MRI magnet vibration induced field instability simulator

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Havens, Timothy J.	Florence	SC	US	
Jiang, Longzhi	Florence	SC	US	
Lehmann, Gregory A.	Florence	SC	US	

US-CL-CURRENT: 324/318; 324/309, 324/315, 324/322

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">NIMC</a>	<a href="#">Drawings</a>
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☐ 2. Document ID: US 20040051530 A1

L89: Entry 2 of 2

File: DWPI

Mar 18, 2004

DERWENT-ACC-NO: 2004-327218  
DERWENT-WEEK: 200430  
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TITLE: MRI magnet field instability simulator, has mechanical model generator to generate mechanical disturbance signal and mechanical model of MRI system components in response to motions and magnetic stiffness and damping signal

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">NIMC</a>	<a href="#">Drawings</a>
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Term	Documents

FIELD	3238902
FIELDS	459151
EDDY	67071
EDDIES	8007
EDDYS	276
INHOMOGENEITY	6058
INHOMOGENEITIES	7518
INHOMOGENEITYS	0
INHOMOGEITIES	3
INHOMOGEITY	5
(L88 AND (FIELD WITH (EDDY OR INHOMOGENEITY OR INHOMOGEITIES OR INHOMOGENEOUS OR NONUNIFORM\$5 OR NON-UNIFORM\$5 OR "NON UNIFORM\$5" OR FLUCUAT\$6 OR FLUX OR PERTUBAT\$4 OR DISTURB\$5 OR INSTABILI\$4 OR UNSTABLE OR "NOT STABLE")) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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